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PATENT & TRADEMARK OFFICE

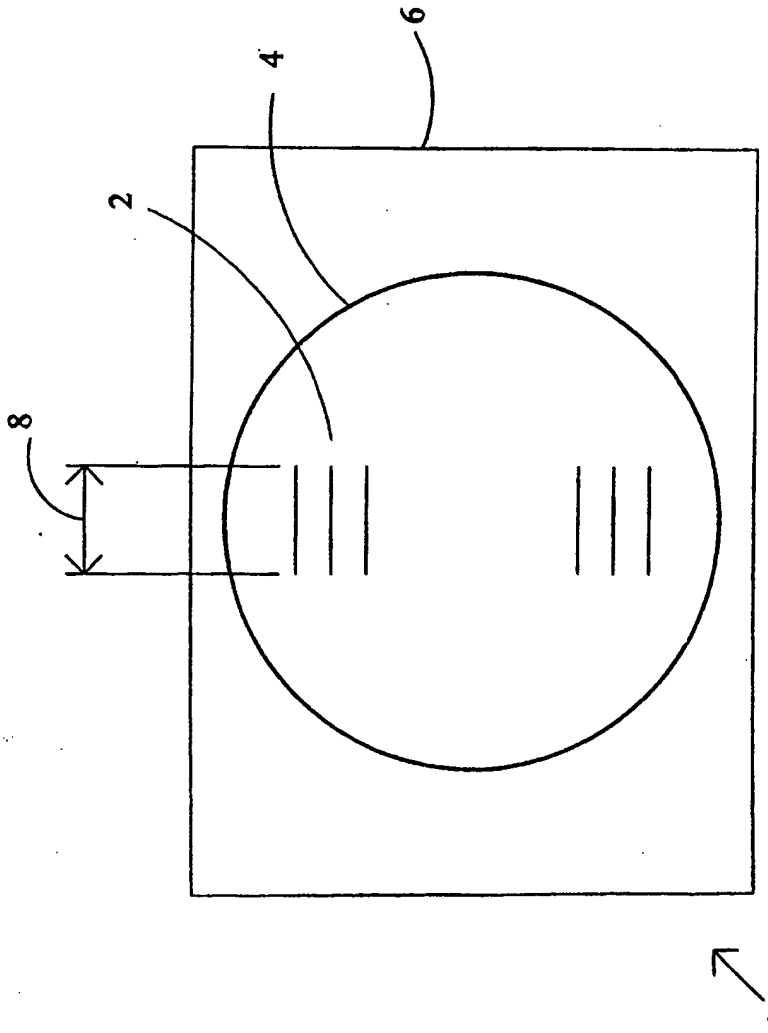

FIG. 1

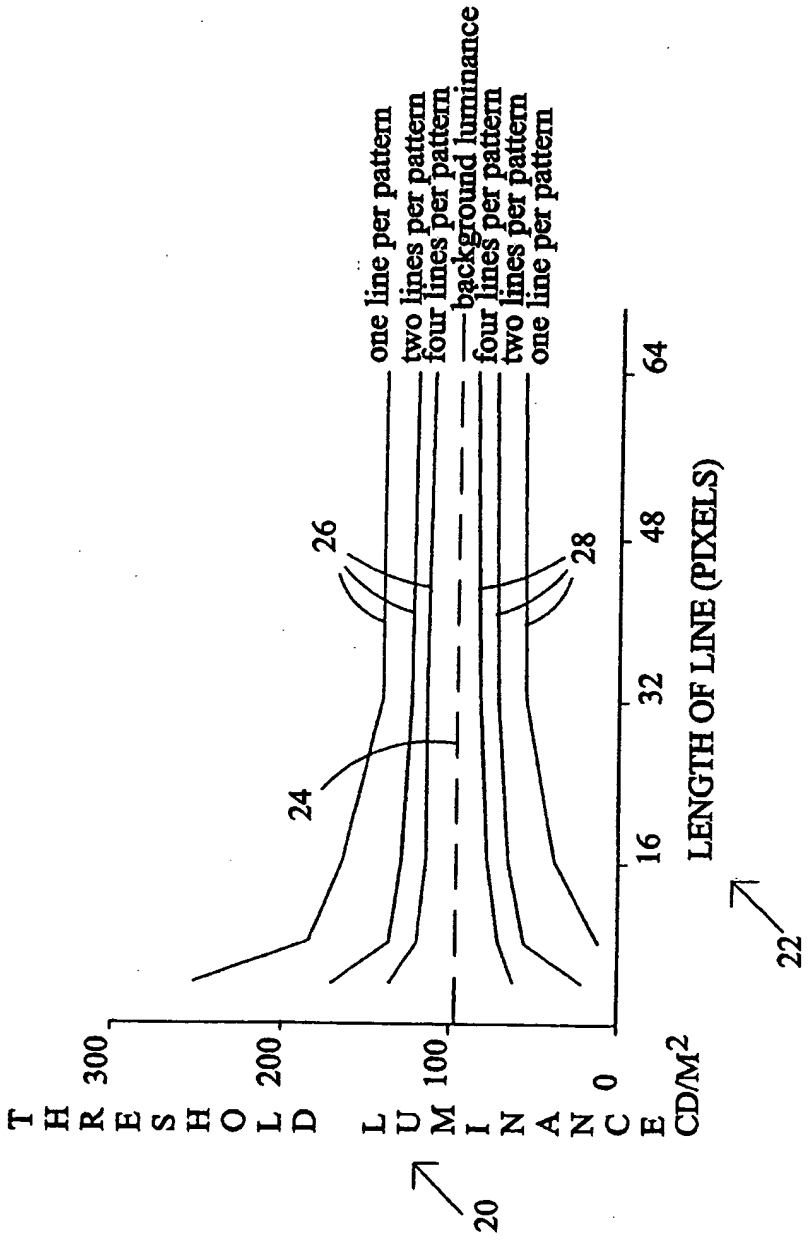
THRESHOLD LUMINANCE CD/M2
300
200
100
0
20
16
32
48
64
LENGTH OF LINE (PIXELS)
22
24
26
28
one line per pattern
two lines per pattern
four lines per pattern
background luminance
four lines per pattern
two lines per pattern
one line per pattern

FIG. 2

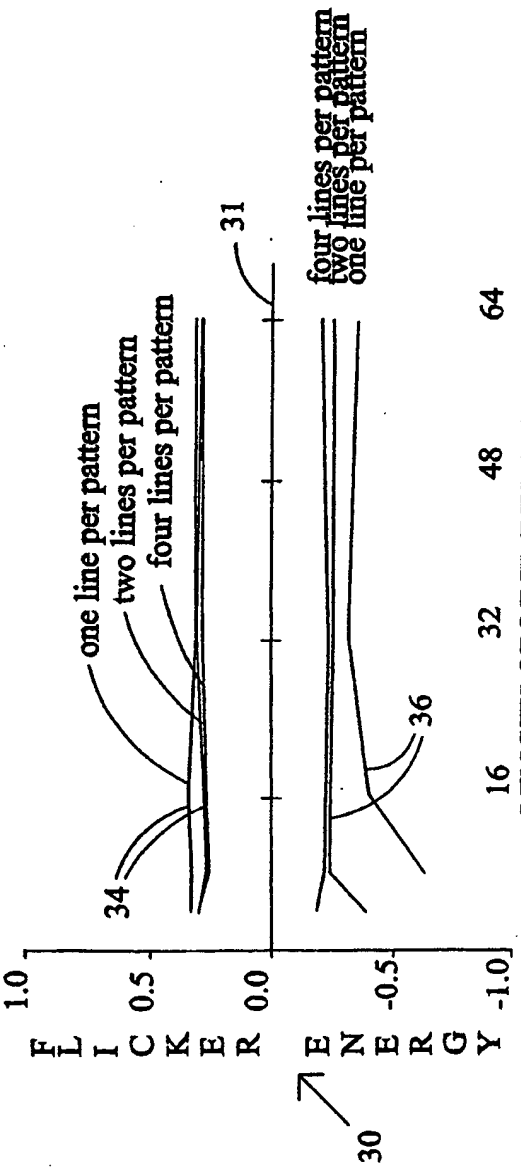
one line per pattern
two lines per pattern
four lines per pattern
four lines per pattern
two lines per pattern
one line per pattern
31
34
36
1.0
0.5
0.0
-0.5
-1.0
FLICKER ENERGY
16
32
48
64
LENGTH OF LINE (PIXELS)
30
32

FIG. 3

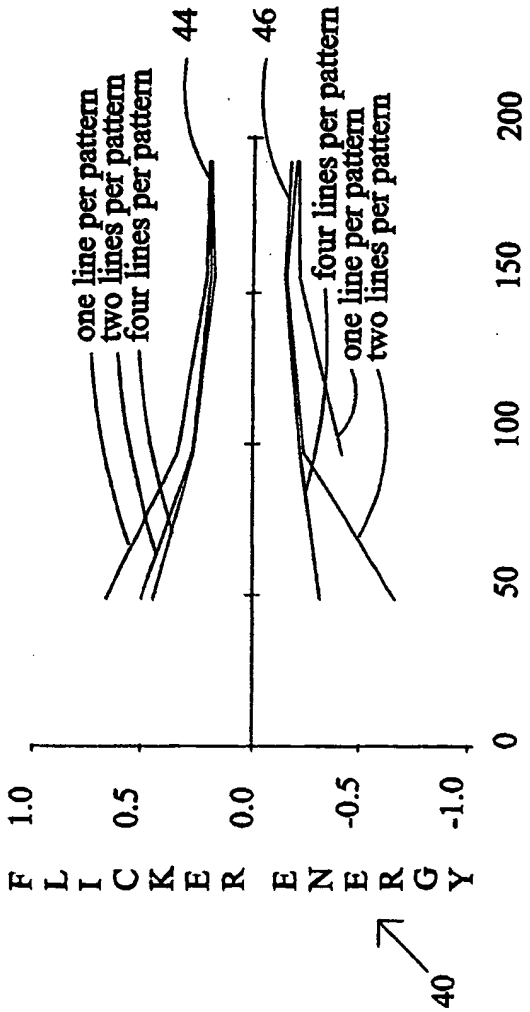
FLICKER ENERGY
1.0
0.5
0.0
-0.5
-1.0
0
50
100
150
200
BACKGROUND LUMINANCE
42
40
44
46
one line per pattern
two lines per pattern
four lines per pattern
four lines per pattern
one line per pattern
two lines per pattern

FIG. 4

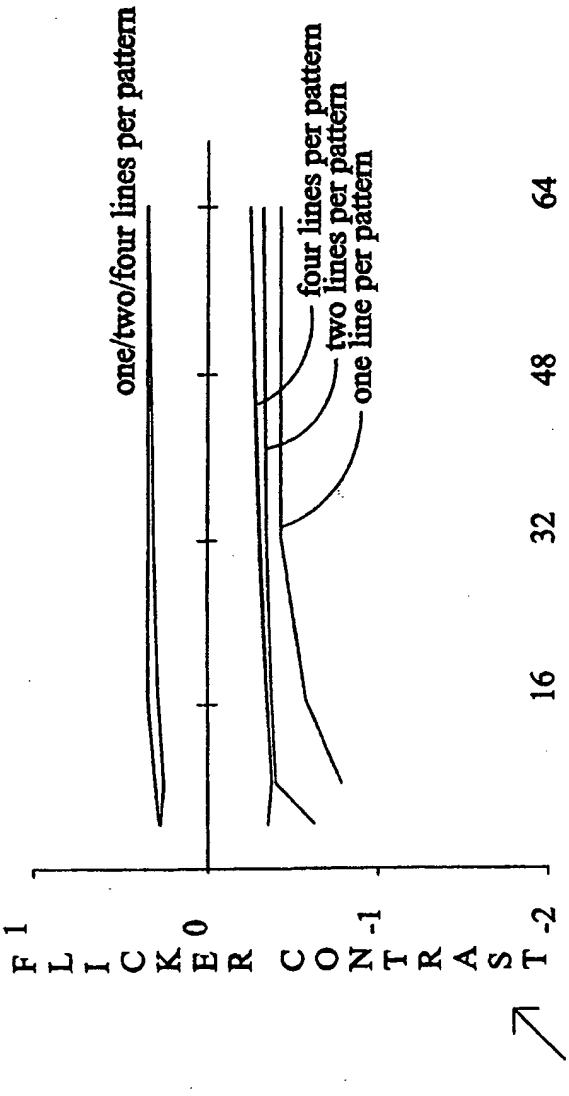
one/two/four lines per pattern
four lines per pattern
two lines per pattern
one line per pattern
FLICKER CONTRAST
1
0
-1
-2
16
32
48
64
LENGTH OF LINE (PIXELS)
50
52

FIG. 5

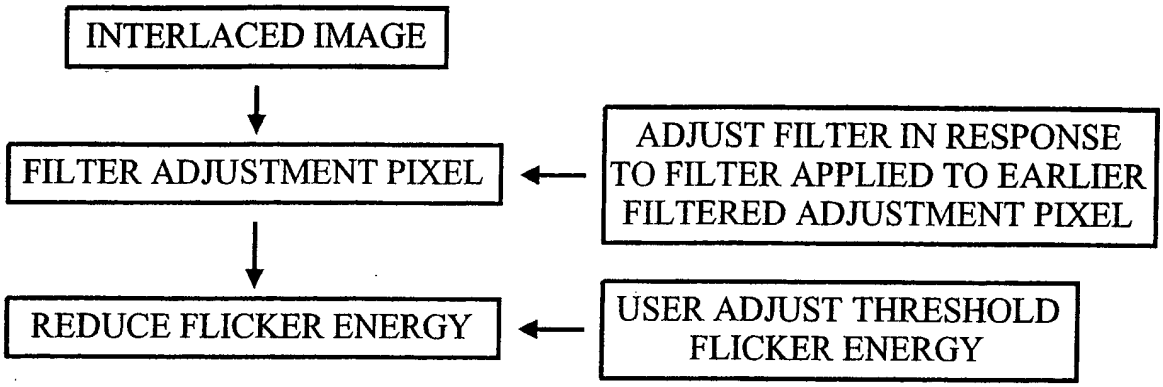

FIG. 6

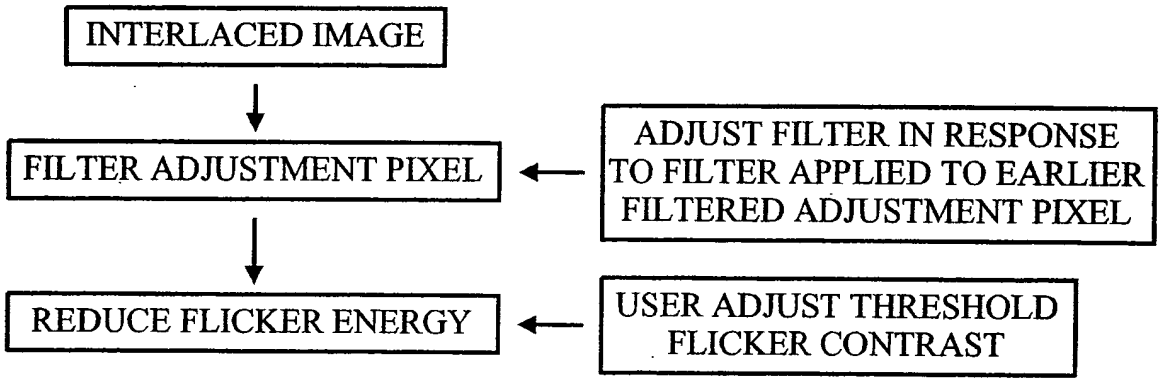

FIG. 7

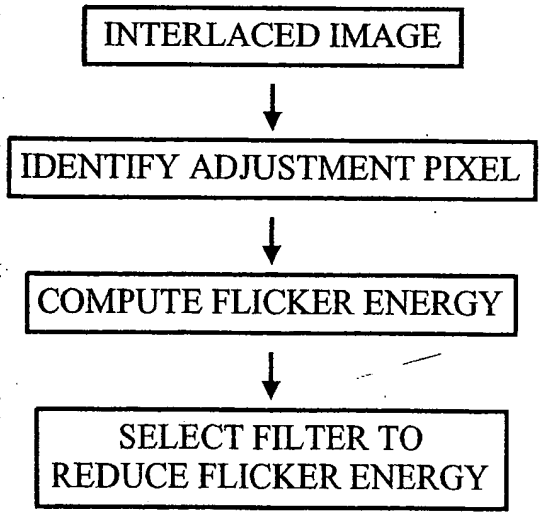

FIG. 8

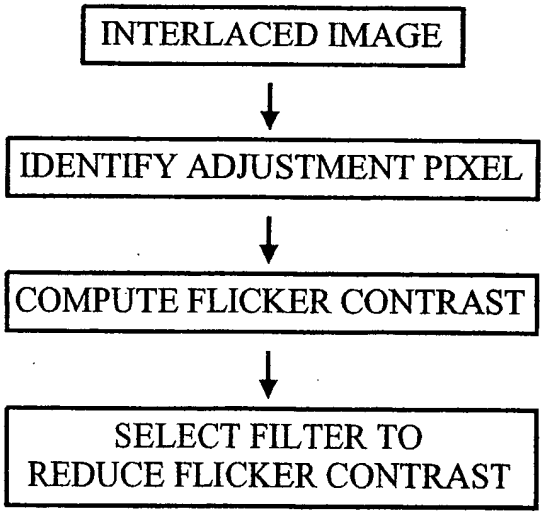

FIG. 9

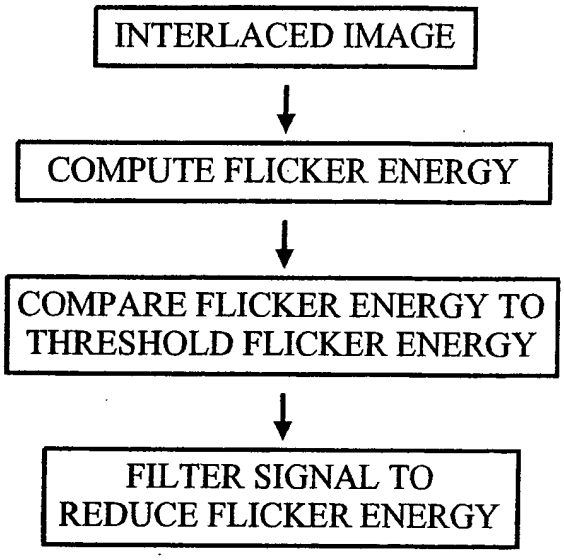

FIG. 10

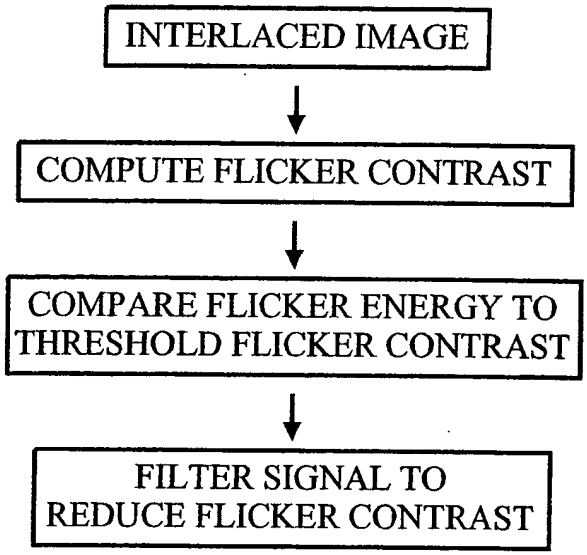

FIG. 11

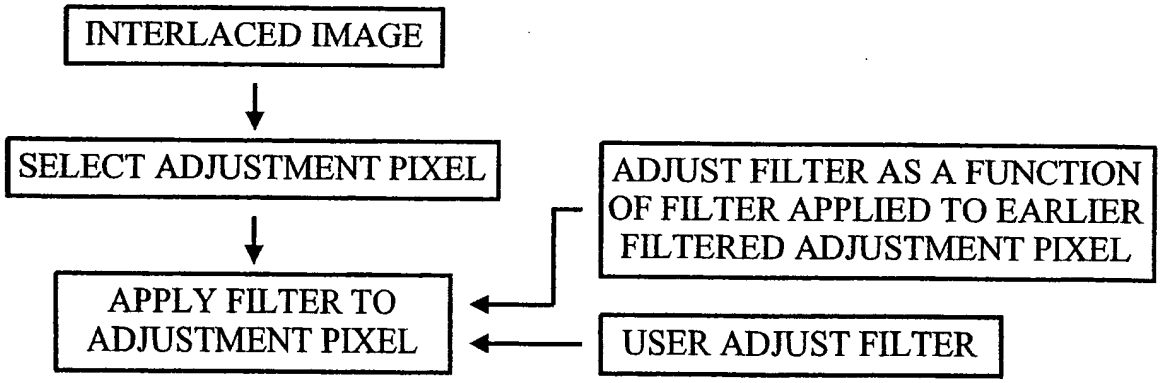

FIG. 12

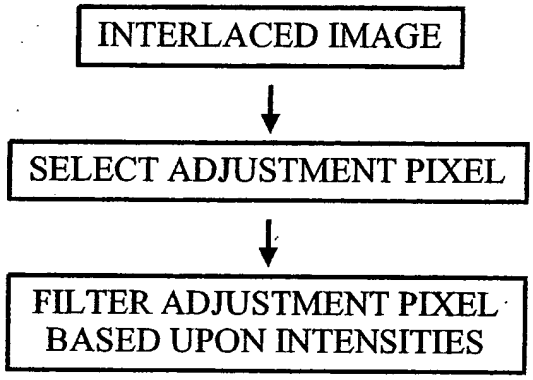

FIG. 13

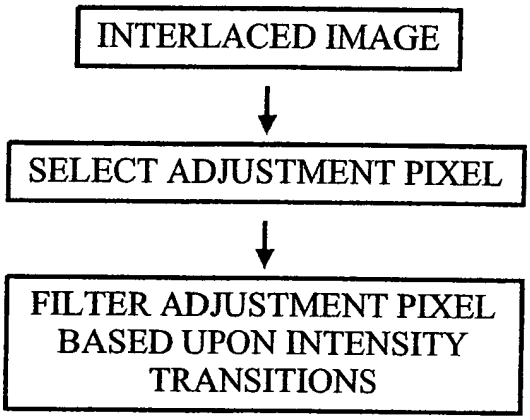

FIG. 14

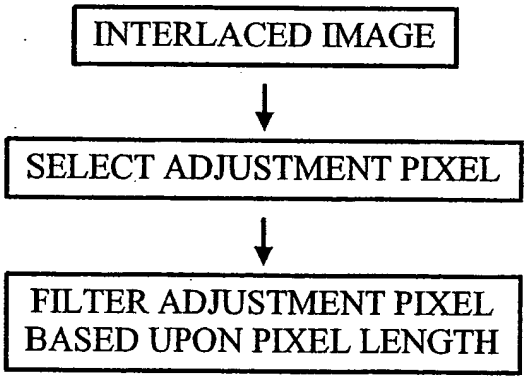

FIG. 15